Contents of Volume 58

Abrams, R. A. See Bekkering, H.

Acker, B. E., & Pastore, R. E. **Perceptual integrality of major chord components** 748

Agostini, T., & Bruno, N. **Lightness contrast in CRT and paper-and-illuminant displays** 250

Anllo-Vento, L., & Hillyard, S. A. **Selective attention to the color and direction of moving stimuli: Electrophysiological correlates of hierarchical feature selection** ... 191

Arend, L. E. See Pessoa, L.

Armstrong, J. See Ward, L. M.

Bailey, P. J. See Roberts, B.

Banks, M. S. See Hecht, H.

Barraud, P.-A. See Raphel, C.

Bashford, J. A., Jr., Warren, R. M., & Brown, C. A. **Use of speech-modulated noise adds strong "bottom-up" cues for phonemic restoration** 342

Bates, E., Devescovi, A., Hernandez, A., & Pizzamiglio, L. **Gender priming in Italian** 992

Beauchamp, G. K. See Breslin, P. A. S.

Bekkering, H., Pratt, J., & Abrams, R. A. **The gap effect for eye and hand movements** 628

Bennett, P. J. See Sekuler, A. B.

Bentzen, B. L. See Jeka, J. J.

Bex, P. J., & Edgar, G. K. **Shifts in the perceived location of a blurred edge increase with contrast** 31

Bigand, E., Parncutt, R., & Lerdahl, F. **Perception of musical tension in short chord sequences: The influence of harmonic function, sensory dissonance, horizontal motion, and musical training** 125

Blumenthal, T. D., Schicatano, E. J., Chapman, J. G., Norris, C. M., & Ergenzinger, E. R., Jr. **Prepulse effects on magnitude estimation of startle-eliciting stimuli and startle responses** 73

Bonnet, C. See:
Dresp, B.
Pins, D.

Börjesson, E., & Lind, M. **The effect of polar projection on the perception of euclidean structure from motion** 871

Breslin, P. A. S., Beauchamp, G. K., & Pugh, E. N., Jr. **Monogeusia for fructose, glucose, sucrose, and maltose** 327

Brown, C. A. See Bashford, J. A., Jr.

Brown, L. G. **Additional rules for the transformed up–down method in psychophysics** 959

Bruno, N. See Agostini, T.

Burson, L. L. See Heller, M. A.

Burton, G. See Carello, C.

Burton, H. See Sinclair, R. J.

Calcaterra, J. A. See Heller, M. A.

Carello, C., Santana, M.-V., & Burton, G. **Selective perception by dynamic touch** 1177

Carello, C. See Pagano, C. C.

Carlson, K. A., & Flowers, J. H. **Intentional versus unintentional use of contingencies between perceptual events** 460

Chan, T.-C. **The situational effects on haptic perception of rod length** 1110

Chapman, J. G. See Blumenthal, T. D.

Chastain, G. **Multiple-element line segment precues: Orientation and location effects on attention** 1015

Chastain, G., Cheal, M., & Lyon, D. R. **Attention and nontarget effects in the location-cuing paradigm** 300

Cheal, M. See Chastain, G.

Cian, C. See Raphel, C.

Cohen, Malcolm M., See Welch, R. B.

Cohen, Michael M. See Massaro, D. W.

Cook, P. R. See Levitin, D. J.

Costen, N. P., Parker, D. M., & Craw, I. **Effects of high-pass and low-pass spatial filtering on face identification** 602

Craw, I. See Costen, N. P.

Cutler, A., van Ooijen, B., Norris, D., & Sánchez-Casas, R. **Speeded detection of vowels: A cross-linguistic study** 807

Dai, H., Versfeld, N. J., & Green, D. M. **The optimum decision rules in the *same–different* paradigm** 1

Dai, H. See Versfeld, N. J.

Dalton, P., & Wysocki, C. J. **The nature and duration of adaptation following long-term odor exposure** ... 781

de Graaf, J. B., van der Gon, J. J. D., & Sittig, A. C. **Vector coding in slow goal-directed arm movements** 587

de Lange, L. See van der Heijden, A. H. C.

de Leeuw, F. See van der Heijden, A. H. C.

DeRoshia, C. W. See Welch, R. B.

Devescovi, A. See Bates, E.

Diehl, R. L. See Fahey, R. P.

Dimitrov, G. See Hohnsbein, J.

Dornier, L. A., & Reeve, T. G. **Evaluation of mental representation for same and mixed compatibility assignments** 47

Dresp, B., Salvano-Pardieu, V., & Bonnet, C. **Illusory form with inducers of opposite contrast polarity: Evidence for multistage integration** 111

Driver, J. See Lavie, N.

Duncan, J., & Nimmo-Smith, I. **Objects and attributes in divided attention: Surface and boundary systems** ... 1076

Durgin, F. H. **Visual aftereffect of texture density contingent on color of frame** 207

Dye, R. H., Jr. See Yost, W. A.

Easton, R. D. See Jeka, J. J.

Edgar, G. K. See Bex, P. J.

Eimas, P. D. See Miller, J. L.

Ergenzinger, E. R., Jr. See Blumenthal, T. D.
Erkelens, C. J. See Hooge, I. T. C.

Fahey, R. P., & Diehl, R. L. **The missing fundamental in vowel height perception** 725
Farrington, S. M. See Pastore, R. E.
Fischer, M. H. See Rayner, K.
Flowers, J. H. See Carlson, K. A.
Found, A., & Müller, H. J. **Searching for unknown feature targets on more than one dimension: Investigating a "dimension-weighting" account** 88
Francis, G. **Cortical dynamics of lateral inhibition: Visual persistence and ISI** 1103
Francis, G. **Cortical dynamics of visual persistence and temporal integration** 1203
Franz, E. See Grondin, S.

Gentaz, E., & Hatwell, Y. **Role of gravitational cues in the haptic perception of orientation** 1278
Golestani, N. See Ward, L. M.
Gordon, R. D., & Irwin, D. E. **What's in an object file? Evidence from priming studies** 1260
Green, D. M. See:
Dai, H.
Versfeld, N. J.
Green, K. P. See Lotto, A. J.
Gribble, P. See Munhall, K. G.
Grondin, S., Ivry, R. B., Franz, E., Perreault, L., & Metthé, L. **Markers' influence on the duration discrimination of intermodal intervals** 424

Handy, T. C., Kingstone, A., & Mangun, G. R. **Spatial distribution of visual attention: Perceptual sensitivity and response latency** 613
Hatwell, Y. See Gentaz, E.
Hecht, H., Kaiser, M. K., & Banks, M. S. **Gravitational acceleration as a cue for absolute size and distance?** ... 1066
Heller, M. A., Calcaterra, J. A., Burson, L. L., & Tyler, L. A. **Tactual picture identification by blind and sighted people: Effects of providing categorical information** 310
Hernandez, A. See Bates, E.
Hershberger, W. A., & Misceo, G. F. **Touch dominates haptic estimates of discordant visual–haptic size** 1124
Higashiyama, A. **Horizontal and vertical distance perception: The discorded-orientation theory** 259
Hildreth, E. C. See Royden, C. S.
Hillyard, S. A. See Anllo-Vento, L.
Hogervorst, M. A., Kappers, A. M. L., & Koenderink, J. J. **Structure from motion: A tolerance analysis** 449
Hohnsbein, J., Dimitrov, G., & Mateeff, S. **What determines the detection of changes in motion velocity? A comment on Dzhafarov, Sekuler, and Allik (1993)** 1133
Hommel, B. **No prevalence of right–left over top–bottom spatial codes** 102
Hooge, I. T. C., & Erkelens, C. J. **Control of fixation duration in a simple search task** 969
Howard, I. P. See Telford, L.
Humphries, S. A., Johnson, M. H., & Long, N. R. **An investigation of the gate control theory of pain using the experimental pain stimulus of potassium iontophoresis** 693

Ichikawa, M., & Saida, S. **How is motion disparity integrated with binocular disparity in depth perception?** ... 271
Irwin, D. E. See Gordon, R. D.
Ito, H. **The perception of an opening from expanding motion** 81
Ivry, R. B. See Grondin, S.

Jeka, J. J., Easton, R. D., Bentzen, B. L., & Lackner, J. R. **Haptic cues for orientation and postural control in sighted and blind individuals** 409
Johnson, M. H. See Humphries, S. A.
Jones, M. R. See Klein, J. M.
Joseph, J. S., & Optican, L. M. **Involuntary attentional shifts due to orientation differences** 651
Erratum 1143
Jusczyk, P. W. See Newman, R. S.

Kaiser, M. K. See Hecht, H.
Kappers, A. M. L. See:
Hogervorst, M. A.
Koenderink, J. J.
te Pas, S. F.
van Veen, H. A. H.
Kashino, M., & Warren, R. M. **Binaural release from temporal induction** 899
Kawato, M. See Pollick, F. E.
Kingstone, A. See Handy, T. C.
Klein, J. M., & Jones, M. R. **Effects of attentional set and rhythmic complexity on attending** 34
Kluender, K. R. See Lotto, A. J.
Koenderink, J. J., van Doorn, A. J., & Kappers, A. M. L. **Pictorial surface attitude and local depth comparisons** 163
Koenderink, J. J. See:
Hogervorst, M. A.
te Pas, S. F.
van Veen, H. A. H.
Koessler, C. See Raphel, C.
Kurvink, A. G. See van der Heijden, A. H. C.

Lackner, J. R. See Jeka, J. J.
Lamb, M. R., & Yund, E. W. **Spatial frequency and attention: Effects of level-, target-, and location-repetition on the processing of global and local forms** 363
Larson, G. E. **Mental rotation of static and dynamic figures** 153
Lavie, N., & Driver, J. **On the spatial extent of attention in object-based visual selection** 1238
Lerdahl, F. See Bigand, E.
Leutner, D. See Rammsayer, T. H.
Levitin, D. J., & Cook, P. R. **Memory for musical tempo: Additional evidence that auditory memory is absolute** 927
Li, P. **The temporal structure of spoken sentence comprehension in Chinese** 571
Liberman, A. M. See Whalen, D. H.

Lind, M. **Perceiving motion and rigid structure from optic flow: A combined weak-perspective and polar-perspective approach** 1085

Lind, M. See Börjesson, E.

Long, N. R. See Humphries, S. A.

Lotto, A. J., Kluender, K. R., & Green, K. P. **Spectral discontinuities and the vowel length effect** 1005

Lukatela, G., & Turvey, M. T. **Inhibition of naming by rhyming primes** 823

Lyon, D. R. See Chastain, G.

MacGregor, J. N. & Ormerod, T. **Human performance on the traveling salesman problem** 527

Maljkovic, V., & Nakayama, K. **Priming of pop-out: II. The role of position** 977

Mangun, G. R. See Handy, T. C.

Maris, E. See van Egmond, R.

Massaro, D. W., & Cohen, M. M. **Perceiving speech from inverted faces** 1047

Mateeff, S. See Hohnsbein, J.

Metthé, L. See Grondin, S.

Miller, J. **The sampling distribution of *d'*** 65

Miller, J. L., & Eimas, P. D. **Internal structure of voicing categories in early infancy** 1157

Mingolla, E. See Pessoa, L.

Misceo, G. F. See Hershberger, W. A.

Müller, H. J., & von Mühlenen, A. **Attentional tracking and inhibition of return in dynamic displays** 224

Müller, H. J. See Found, A.

Munhall, K. G., Gribble, P., Sacco, L., & Ward, M. **Temporal constraints on the McGurk effect** 351

Nakayama, K. See Maljkovic, V.

Newman, R. S., & Jusczyk, P. W. **The cocktail party effect in infants** 1145

Newman, R. S., & Sawusch, J. R. **Perceptual normalization for speaking rate: Effects of temporal distance** ... 540

Nimmo-Smith, I. See Duncan, J.

Norman, J. F. See Perotti, V. J.

Norris, C. M. See Blumenthal, T. D.

Norris, D. See Cutler, A.

Olsson, H., & Winman, A. **Underconfidence in sensory discrimination: The interaction between experimental setting and response strategies** 374

Optican, L. M. See Joseph, J. S.

Ormerod, T. See MacGregor, J. N.

Oudejans, I. M. See Schifferstein, H. N. J.

Pagano, C. C., Carello, C., & Turvey, M. T. **Exteroception and exproprioception by dynamic touch are different functions of the inertia tensor** 1191

Palmisano, S. **Perceiving self-motion in depth: The role of stereoscopic motion and changing-size cues** 1168

Parker, D. M. See Costen, N. P.

Parncutt, R. See Bigand, E.

Pastore, R. E., & Farrington, S. M. **Measuring the difference limen for identification of order of onset for complex auditory stimuli** 510

Pastore, R. E. See Acker, B. E.

Perotti, V. J., Todd, J. T., & Norman, J. F. **The visual perception of rigid motion from constant flow fields** 666

Perreault, L. See Grondin, S.

Pessoa, L., Mingolla, E., & Arend, L. E. **The perception of lightness in 3-D curved objects** 1293

Pins, D., & Bonnet, C. **On the relation between stimulus intensity and processing time: Piéron's law and choice reaction time** 390

Pizzamiglio, L. See Bates, E.

Pollick, F. E., Watanabe, H., & Kawato, M. **Perception of local orientation from shaded images** 762

Post, R. B. See Welch, R. B.

Povel, D.-J. See van Egmond, R.

Pratt, J. See Bekkering, H.

Pugh, E. N., Jr. See Breslin, P. A. S.

Rammsayer, T. H., & Leutner, D. **Temporal discrimination as a function of marker duration** 1213

Raphel, C., Barraud, P.-A., Koessler, C., & Cian, C. **Effects of a visual frame and of low radial accelerations on the visually perceived eye level** 906

Rayner, K., & Fischer, M. H. **Mindless reading revisited: Eye movements during reading and scanning are different** 734

Reeve, T. G. See Dornier, L. A.

Roberts, B., & Bailey, P. J. **Regularity of spectral pattern and its effects on the perceptual fusion of harmonics** 289

Robin, D. A. See Tellinghuisen, D. J.

Rogers, S. **The horizon-ratio relation as information for relative size in pictures** 142

Rousseau, L., & Rousseau, R. **Stop–reaction time and the internal clock** 434

Rousseau, R. See Rousseau, L.

Royden, C. S., & Hildreth, E. C. **Human heading judgments in the presence of moving objects** 836

Rubenstein, B. S., & Sagi, D. **Preattentive texture segmentation: The role of line terminations, size, and filter wavelength** 489

Ruthruff, E. **A test of the deadline model for speed–accuracy tradeoffs** 56

Saberi, K. **Observer weighting of interaural delays in filtered impulses** 1037

Sacco, L. See Munhall, K. G.

Sagi, D. See Rubenstein, B. S.

Saida, S. See Ichikawa, M.

Salvano-Pardieu, V. See Dresp, B.

Sánchez-Casas, R. See Cutler, A.

Santana, M.-V. See Carello, C.

Sawusch, J. R. See Newman, R. S.

Schicatano, E. J. See Blumenthal, T. D.

Schifferstein, H. N. J., & Oudejans, I. M. **Determinants of cumulative successive contrast in saltiness intensity judgments** 713

Schmidt, W. C. **Inhibition of return is not detected using illusory line motion** 883

Sekuler, A. B., & Bennett, P. J. **Spatial phase differences can drive apparent motion** 174

Sheft, S. See Yost, W. A.

Shore, J. See Sussman, H. M.

Simon, T. J., & Vaishnavi, S. **Subitizing and counting depend on different attentional mechanisms: Evidence from visual enumeration in afterimages** 915

Sinclair, R. J., & Burton, H. **Discrimination of vibrotactile frequencies in a delayed pair comparison task** ... 680

Sittig, A. C. See de Graaf, J. B.

Sussman, H. M., & Shore, J. **Locus equations as phonetic descriptors of consonantal place of articulation** 936

Telford, L., & Howard, I. P. **Role of optical flow field asymmetry in the perception of heading during linear motion** 283

Tellinghuisen, D. J., Zimba, L. D., & Robin, D. A. **Endogenous visuospatial precuing effects as a function of age and task demands** 947

te Pas, S. F., Kappers, A. M. L., & Koenderink, J. J. **Detection of the sign of expansion as a function of field size and eccentricity** 401

Todd, J. T. See Perotti, V. J.

Trainor, L. J. **Effects of harmonics on relative pitch discrimination in a musical context** 704

Turvey, M. T. See:
Lukatela, G.
Pagano, C. C.

Tyler, L. A. See Heller, M. A.

Vaishnavi, S. See Simon, T. J.

van der Geest, J. N. See van der Heijden, A. H. C.

van der Gon, J. J. D. See de Graaf, J. B.

van der Heijden, A. H. C., Kurvink, A. G., de Lange, L., de Leeuw, F., & van der Geest, J. N. **Attending to color with proper fixation** 1224

Van Doren, C. L. **Halving and doubling isometric force: Evidence for decelerating psychophysical function consistent with an equilibrium-point model of motor control** 636

van Doorn, A. J. See Koenderink, J. J.

van Egmond, R., Povel, D.-J., & Maris, E. **The influence of height and key on the perceptual similarity of transposed melodies** 1252

van Ooijen, B. See Cutler, A.

van Veen, H. A. H. C, Kappers, A. M. L., Koenderink, J. J., & Werkhoven, P. **Discriminating the volume of motion-defined solids** 561

Versfeld, N. J., Dai, H., & Green, D. M. **The optimum decision rules for the oddity task** 10

Versfeld, N. J. See Dai, H.

von Mühlenen, A. See Müller, H. J.

Ward, L. M., Armstrong, J., & Golestani, N. **Intensity resolution and subjective magnitude in psychophysical scaling** 793

Ward, M. See Munhall, K. G.

Warren, R. M. See:
Bashford, J. A., Jr.
Kashino, M.

Watanabe, H. See Pollick, F. E.

Welch, R. B., Cohen, M. M., & DeRoshia, C. W. **Reduction of the elevator illusion from continued hypergravity exposure and visual error-corrective feedback** 22

Welch, R. B., & Post, R. B. **Accuracy and adaptation of reaching and pointing in pitched visual environments** ... 383

Werkhoven, P. See van Veen, H. A. H.

Whalen, D. H., & Liberman, A. M. **Limits on phonetic integration in duplex perception** 857

Winman, A. See Olsson, H.

Wysocki, C. J. See Dalton, P.

Yost, W. A., Dye, R. H., Jr., & Sheft, S. **A simulated "cocktail party" with up to three sound sources** 1026

Yund, E. W. See Lamb, M. R.

Zimba, L. D. See Tellinghuisen, D. J.

Zumbo, B. D. **Randomization test for coupled data**... 471

FORTHCOMING ARTICLES

Perception & Psychophysics Articles in Press 160
324
479
648
802
963
1138
1306

GUIDELINES FOR AUTHORS

Submissions, Formats, Permissions, Proof, Reprints, Tables, Figures, Computer Disks 485

NOTICES AND ANNOUNCEMENTS

19th European Conference on Visual Perception 326

APA/USNC Apply for Travel Grant Funds for Montreal Congress 483

Society for the Quantitative Analyses of Behavior 484

Nominations for the Editorship of *Memory & Cognition* 724
967

Call for Nominations: Troland Research Awards 962

37th Annual Meeting of the Psychonomic Society 967
1143